

NORTH JERSEY CLEAN CITIES PROGRAM

New Jersey Board of Public Utilities



Quarterly Newsletter

Vol. 1 No. 3

January 2004

Note from the Board of Public Utilities President

Dear NJCCP Stakeholders,

As we welcome in the New Year, I'd like to take a moment to thank all of you who have played a role in promoting the use of Alternative Fuel Vehicles, renewable fuels and hybrid-electric vehicles during the past year. The use of cleaner fuels and vehicles is catching on in New Jersey and across the nation. From local governments to colleges and universities to non-profits and private businesses, your contributions to the Clean Cities Program are invaluable. Let's continue working together to meet the Clean Cities goals.

Sincerely,
Jeanne M. Fox

NJCCP Exhibits at 2004 State League of Municipalities (LOM) Conference

The NJCCP, together with the Garden State Natural Gas Vehicle Partnership (GSNGVP), sponsored a booth at the 2004 LOM Conference, held in Atlantic City, November 18-20. The booth highlighted the NGV Demo Program, and featured two CNG vehicles, a Ford F-150 pickup and a Honda Civic GX, and a Fuelmaker refueling appliance.

There was a noticeable increase in interest in AFVs, compared to previous years. Several municipalities signed up on the spot to participate in the Demo Program, and several dozen local governments requested follow-up calls to discuss the program. The booth was manned by NJCCP representatives from PSE&G, Fuelmaker, Air & Gas Technologies, Honda, BPU and Antares Group.

For more information: contact Dick Duffy, PSE&G, at (973) 430-7664 or Brian Keelen, A>, at (732) 566-7227.

NJCCP Considers Statewide Expansion

A number of NJCCP stakeholders have been advocating the expansion of the Clean Cities program to include all 21 New Jersey counties. This idea, discussed at the December 3rd meeting, will be officially presented to DOE as part of the Program Plan renewal process. The states of Delaware and West Virginia also have statewide Clean Cities programs. More details to come.

World Energy Makes Biodiesel Presentation

Nate Tennant of World Energy Alternatives, the State fleet's biodiesel supplier, gave a presentation on biodiesel fuel and its impacts on vehicles and emissions at the December 3rd meeting. Biodiesel is generally used in a 20% blend with petroleum diesel, known as B20. According to Nate, using B20 instead of 100% diesel reduces CO₂ by 16%, PM by 10%, CO by 20% and unburned hydrocarbons by 21%.



Biodiesel has been gaining in popularity, with the most notable user being the U.S. military, where it is used in almost all diesel engines nationwide. Switching to biodiesel requires no vehicle modifications, no special training and no special fueling infrastructure. **B20 is available on State contract #T1844.**

For more information: Contact Nate Tennant at (617) 889-7305, or natet@worldenergy.net.

Stakeholders Discuss Revised Program Plan at December 3rd Meeting

The USDOE requires each designated Clean City to submit a revised Program Plan every 5 years. This provides an opportunity to conduct a "reality check" as to what works in each individual Clean City, and to adjust for changes in the alternative fuel marketplace. The latest version of the revised NJCCP Program Plan was presented to members at the December 3rd meeting.

We are proposing a few structural changes for the NJCCP, including a smaller but more active Steering Committee, and 4 better-defined working groups, modeled on the successful NGV working group. (See Figures 1 and 2.) NJCCP members are asked to submit their comments and any suggested changes to the Program Plan to Art Vatsky at Artv200@aol.com or (201) 836-6285, by February 2, 2004. Remember, your input is important to the success of the program!

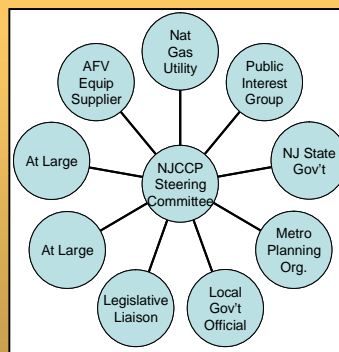


Figure 1

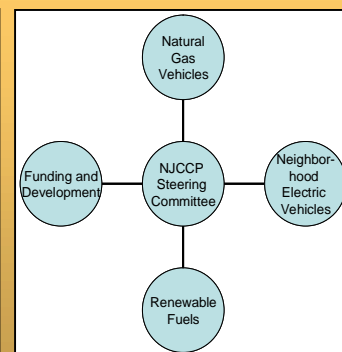


Figure 2



FEATURE STORY: Princeton University Adds CNG Shuttle Buses to Campus Fleet

Princeton University has introduced 2 new, 21-passenger CNG buses into its shuttle fleet that serves the campus community. The CNG buses will run on a new route, and will help to ease parking problems and transportation concerns for employees, students and the community at large. Princeton also purchased a FuelMaker refueling station, including 2 FM-Q-8-36 compressors, inlet dryers, time-fill for 4 vehicles and a fuel storage/fast-fill assembly.

The buses were acquired through a partnership with Ford Motor Company and BP PLC. The Greater Mercer Transportation Management Association assisted the University with route development and public outreach.

For more information: contact Patricia Allen, Princeton University, at (609) 258-5748.

HEV Update



- Production of the Ford Escape HEV has been pushed back to mid-to-late 2004.
 - For 2004, GM will offer a mild hybrid option on its full-size Chevy Silverado and GMC Sierra trucks, with 10-15% better fuel economy than the standard models.
- For more information, contact Mike Paritee, GM's Regional AFV Sales Manager at (800) 321-0164, x 6861 or michael.paratee@gm.com.

ALTERNATIVE FUELS LEGISLATIVE UPDATE



Federal Level:

The House version of comprehensive energy legislation, HR6, passed the House Nov. 18th, 246-180. The bill failed in the Senate Nov. 21st, 57-40. Congress reconvenes Jan. 20th; however, it has not yet been determined whether, or when, the bill will be brought back up for vote.

For more information, go to <http://thomas.loc.gov>

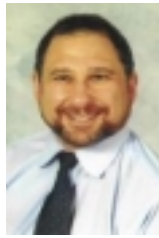
State Level:

Senate Bill S2697 and Assembly Bill A3811, which would exempt residential EV charging systems from real property taxation, were introduced June 23rd. They were referred to the Senate Transportation and Assembly Environment and Solid Waste Committees, respectively, for review.

There was no action taken on Senate Bill S1731 (A3084), which would exempt biodiesel fuel from the State's motor fuels tax, during the last legislative session. The bills will have to be reintroduced in the current session.

For more information, go to www.njleg.state.nj.us

Art Vatsky's Coordinator's Corner



Your NJCCP Coordinator has been busy with the Program Plan revision in recent months. What is the best way for our particular Clean Cities Program to move ahead? Our original Program Plan from 1997 was comprehensive and optimistic, but energy deregulation, continuing moderate transportation energy prices, and tight budgets have kept alternative fuels from taking off in some sectors. We need to adjust our plan to fit the choices we have today.

The primary goal of Clean Cities is to reduce our dependence on imported energy. NJ currently consumes about 14,000,000 gallons of gasoline and #2 diesel per day, most of which is imported. These are the numbers we have to reduce.

June NJCCP Meeting Highlights EVs

The June 19th NJCCP meeting featured speakers from two electric vehicle (EV) manufacturers.

Barry Carr, from **Global Electric Motorcars (GEM)**, talked about GEM's Neighborhood Electric Vehicles (NEVs). These low-speed EVs meet all the National Highway Traffic Safety Administration (NHTSA) requirements for NEVs, including headlights, taillights, turn signals, safety glass, and wipers. GEMs are available in 2 or 4 passenger versions, and plug into any 110 volt outlet. There are over 28,000 GEMs in use nationwide. Remsen Dodge of Hazlet is the N.J. distributor.

For more information: contact Christina Straub, Remsen Dodge, at (732) 904-2755.

Doug Alderton, of **Solectria Corp.**, discussed Solectria's light and heavy-duty EVs. He talked about the potential use of the Solectria CitiVan, a zero emission vehicle (ZEV) walk-in box truck, in N.J.'s dense urban environments. The CitiVan (GVWR 12,000 lbs.) is typical of the trucks used by many food and local delivery firms. Solectria is also developing a larger Class 7 hybrid-electric truck that would be much lower in emissions than existing trucks in its weight class.

For more information: contact Doug Alderton, Solectria Corp., at (781) 932-9009 or alderton@solectria.com.

NGV Users Group Update

Current NGV Demo program participants include Middlesex County, Mahwah Township and Rutgers University. Rutgers recently purchased 4 Honda Civic GX dedicated CNG sedans and 2 Chevy Cavalier bi-fuel CNG sedans, and is now testing a Ford F-150 dedicated CNG pickup.

Interested in becoming an NJCCP Member?

It's easy! Contact Art Vatsky of Antares at 201-836-6285 or Ellen Bourbon, NJBPU, at 609-984-3058. Help reduce New Jersey's dependence on imported petroleum!

Happy New Year from the NJCCP!